

Title (en)

METHOD OF PRODUCING NATURAL KILLER CELLS AND COMPOSITIONS THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON NATÜRLICHEN KILLERZELLEN UND ZUSAMMENSETZUNGEN DAVON

Title (fr)

PROCÉDÉ DE PRODUCTION DE CELLULES TUEUSES NATURELLES ET COMPOSITIONS ASSOCIÉES

Publication

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Application

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Abstract (en)

[origin: WO2021108389A1] A method for producing natural killer cells is disclosed. The method comprises isolating peripheral blood mononuclear cells (PBMCs) from a blood sample; isolating at least one of CD56+ cells and/or CD3-/CD56+ cells from the PBMCs; and co-culturing the at least one of CD56+ cells and/or CD3-/CD56+ cells with a combination of feeder cells in the presence of a cytokine. The method can further comprise freezing and thawing the CD56+ cells and/or CD3-/CD56+ cells. A composition for treating cancer is also disclosed. The composition comprises the CD56+ natural killer cells produced by the disclosed method and a cytokine.

IPC 8 full level

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